CLAIMS

Please amend the claims as follows:

Claims 1-73 (cancelled)

74. (currently amended) In a hand held non-contact temperature measurement instrument comprising on a common support the combination of an infrared radiation detector having a field of view coincident with a target surface temperature measurement area; and a laser system for aiming said detector at said target surface area;

the improvement in which said system includes ~~at least three~~ multiple independent spaced apart lasers, each of which directs at least one visible laser beam onto said surface to indicate to the user a pattern of spaced apart light spots which identify the target surface measurement area and location measured by said detector.

75. (currently amended) An instrument according to claim 74 in which at least one laser is ~~movable~~ pivotable and directable.

76. (previously presented) An instrument according to claim 74 in which at least one laser is pulsed on and off.

77. (previously presented) An instrument according to claim 76 in which said at least one laser is pulsed on and off synchronously.

78. (previously presented) An instrument according to claim 74 in which one laser directs a beam to the center of the field of view and other lasers direct beams to the edges of the field of view.

79. (currently amended) An instrument according to claim 74 in which ~~at least two of said three or more~~ said multiple lasers direct separate spaced apart beams to the edges of the field of view of said detector.

80. (previously presented) An instrument according to claim 74 in which each laser separately identifies a respective portion of the field of view.

81. (previously presented) In a hand held temperature instrument having mounted on a common support a radiometer detector having a longitudinal axis and a field of view; and a radiation detector laser sighting system mounted adjacent said detector:

the improvement in said sighting system wherein two independent lasers are mounted respectively on opposite sides of the radiometer axis, and a separate beam from said each laser indicates visually on a target measurement surface opposite parts of the field of view of said detector.

82. (previously presented) In an instrument according to claim 81, means for pulsing at least one of said lasers.

83. (cancelled)

84. (currently amended) In an instrument according to claim 81, a diffraction ~~lens~~ grating associated with at least one laser which produces sub-beams to identify separately a portion of the edge of the field of view.

85. (currently amended) An instrument according to claim 74 in which at least one laser is associated with a diffraction ~~lens~~ grating which produces sub-beams to identify separately a portion of the edge of the field of view of said detector.

86. (new) A hand-held temperature measurement instrument comprising a radiometer having a field of view coincident with a target measurement surface area, and two spaced apart mutually independent lasers for aiming said radiometer at said area, all mounted on a common support, each laser directing a visible laser beam onto said measurement surface area to display a pattern of spaced apart light spots which identify the edge and location of the field of view of said radiometer.